



Sabine BUB et al.  
MOLECULAR-BIOLOGICAL MARKER FOR  
ANALYTICAL ELECTRON MICROSCOPY  
38485-0006

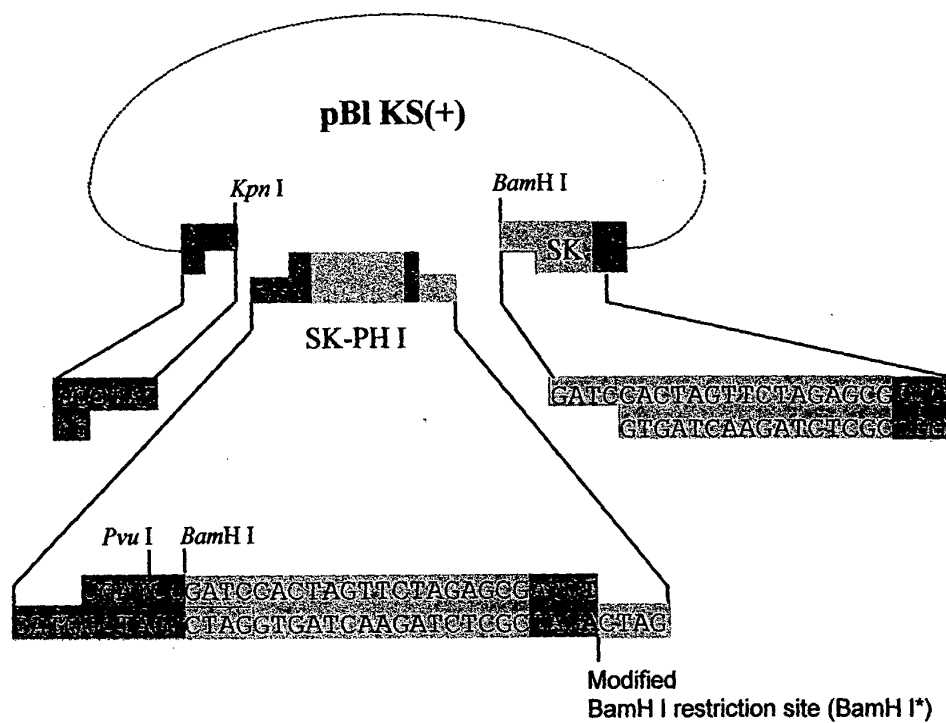


Fig. 1b

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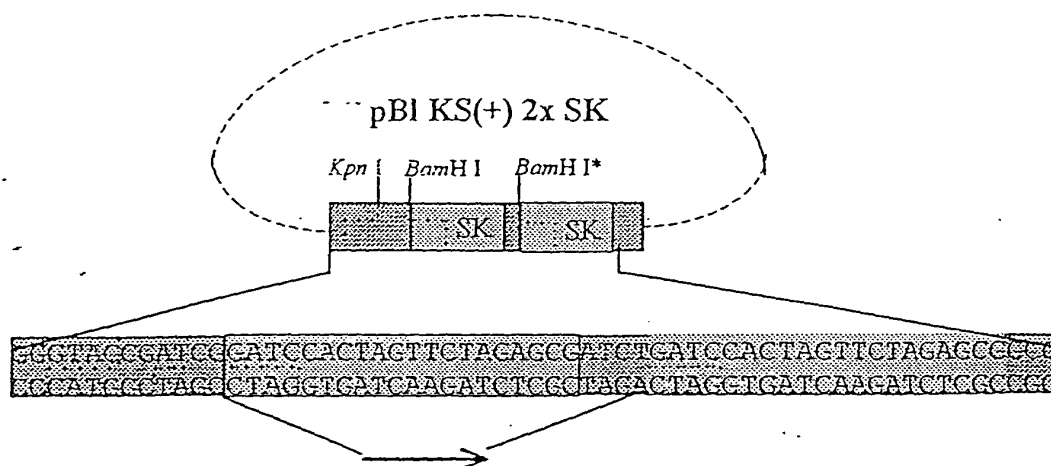


Fig. 1c

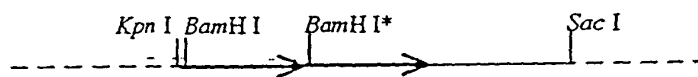


Fig. 1d

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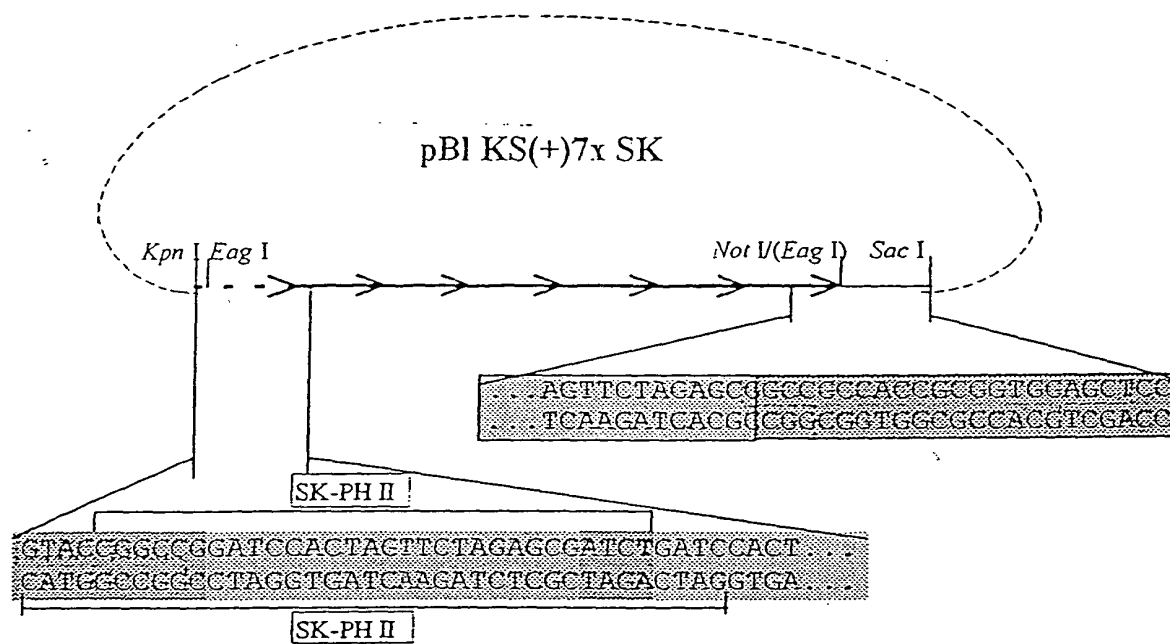


Fig. 2

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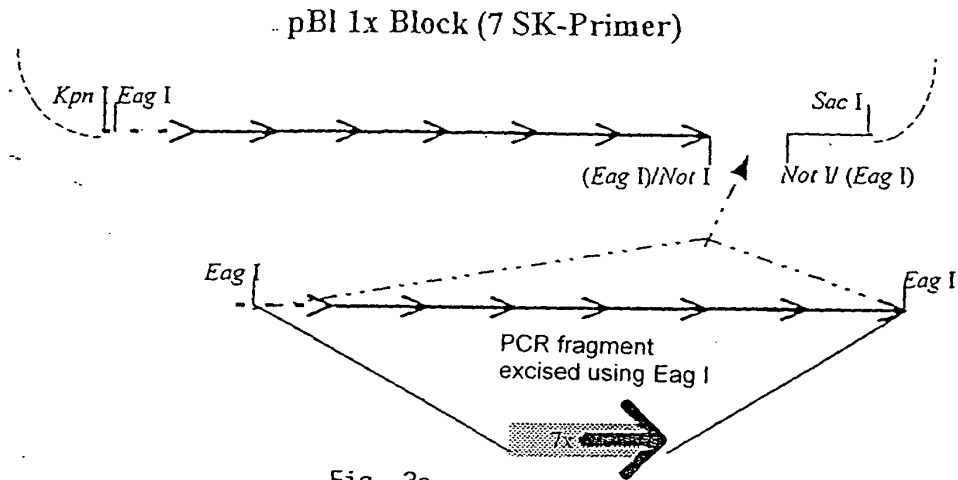


Fig. 3a

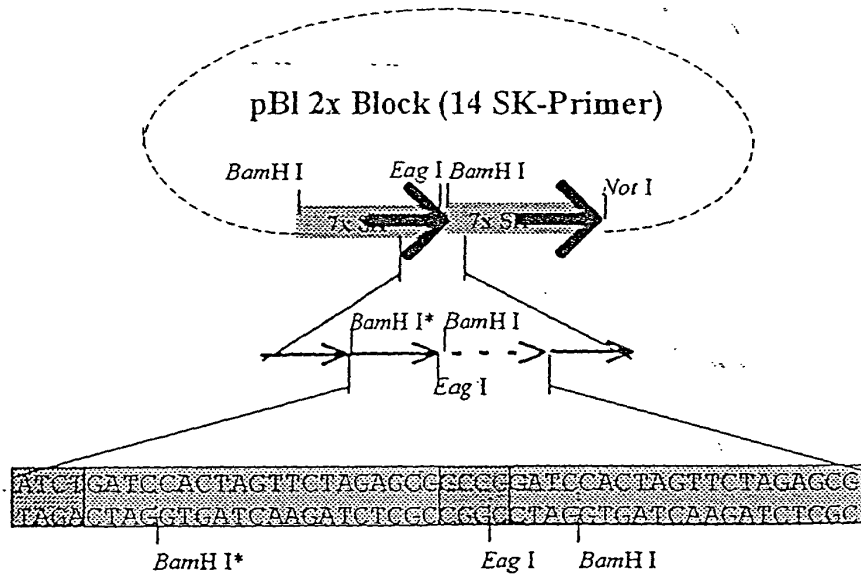


Fig. 3b

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TCGAGCTTTAATTGGGAGTGATTTCCCTTGTTTTCGACCATGGCCGGCTAGGTGATCAAGATCTCGCTAGACTAGGTGA

AGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAG 160  
TCAAGATCTCGCTAGACTAGGTGATCAAGATCTCGCTAGACTAGGTGATCAAGATCTCGCTAGACTAGGTGATCAAGATC

AGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGGCCGATCCACTAGTTCTAGAGCGATCT 240  
TCGCTAGACTAGGTGATCAAGATCTCGCTAGACTAGGTGATCAAGATCTCGCCGGCTAGGTGATCAAGATCTCGCTAGA

GATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACT 320  
CTAGGTGATCAAGATCTCGCTAGACTAGGTGATCAAGATCTCGCTAGACTAGGTGATCAAGATCTCGCTAGACTAGGTGA

AGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGGCCGATCCACTAGTTCTAG 400  
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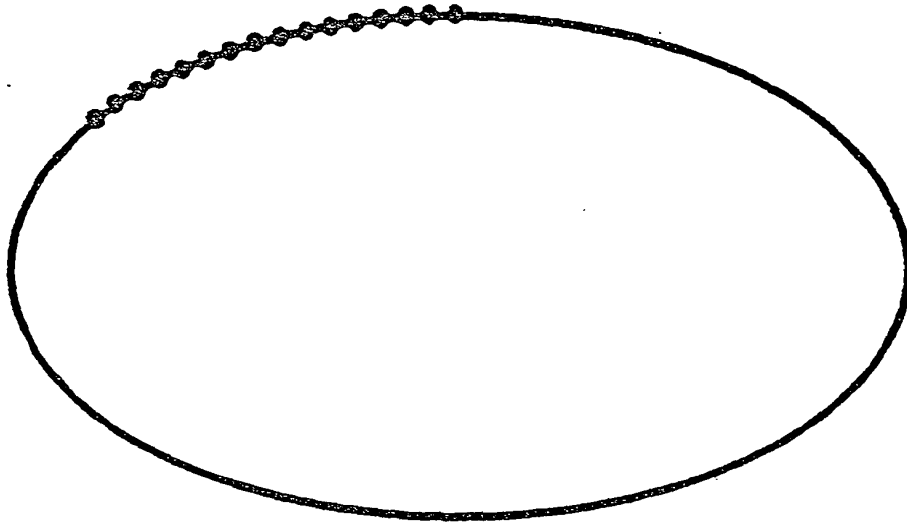
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Fig. 4

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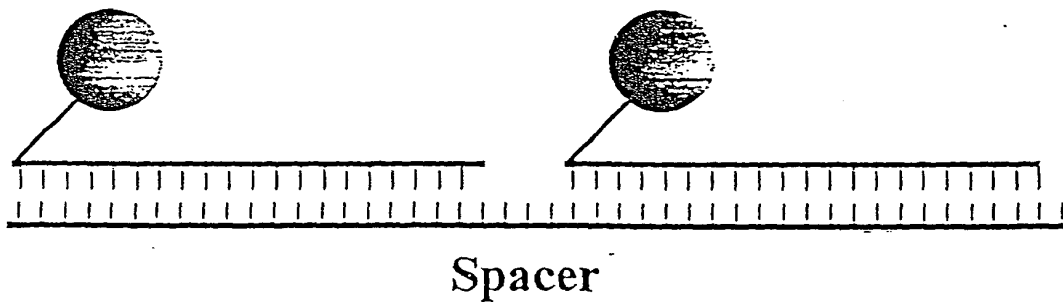
Diagram of the labeling experiment:

Outline:



Plasmid (blue) having 16 repetitive sequence to which the ESI marker (red) binds

Detail:



The ESI marker (red) is covalently bonded to a single-stranded oligonucleotide (green). The oligonucleotide is associated by complementary base pairing (hybridization) with the repetitive sequences of the plasmid (blue). In this example, the repetitive sequences have a length of 20 nucleotides and are separated by a spacer of 4 nucleotides.

Fig. 5